

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011964.D
 Acq On : 22 Dec 2022 11:08
 Operator : KP/MD
 Sample : VY1222SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1222SBL01

Quant Time: Dec 23 04:30:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	197073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	319033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131542	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109533	55.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.340%
35) Dibromofluoromethane	7.716	113	97937	50.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.179	98	383976	49.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.483	95	119984	45.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.560%

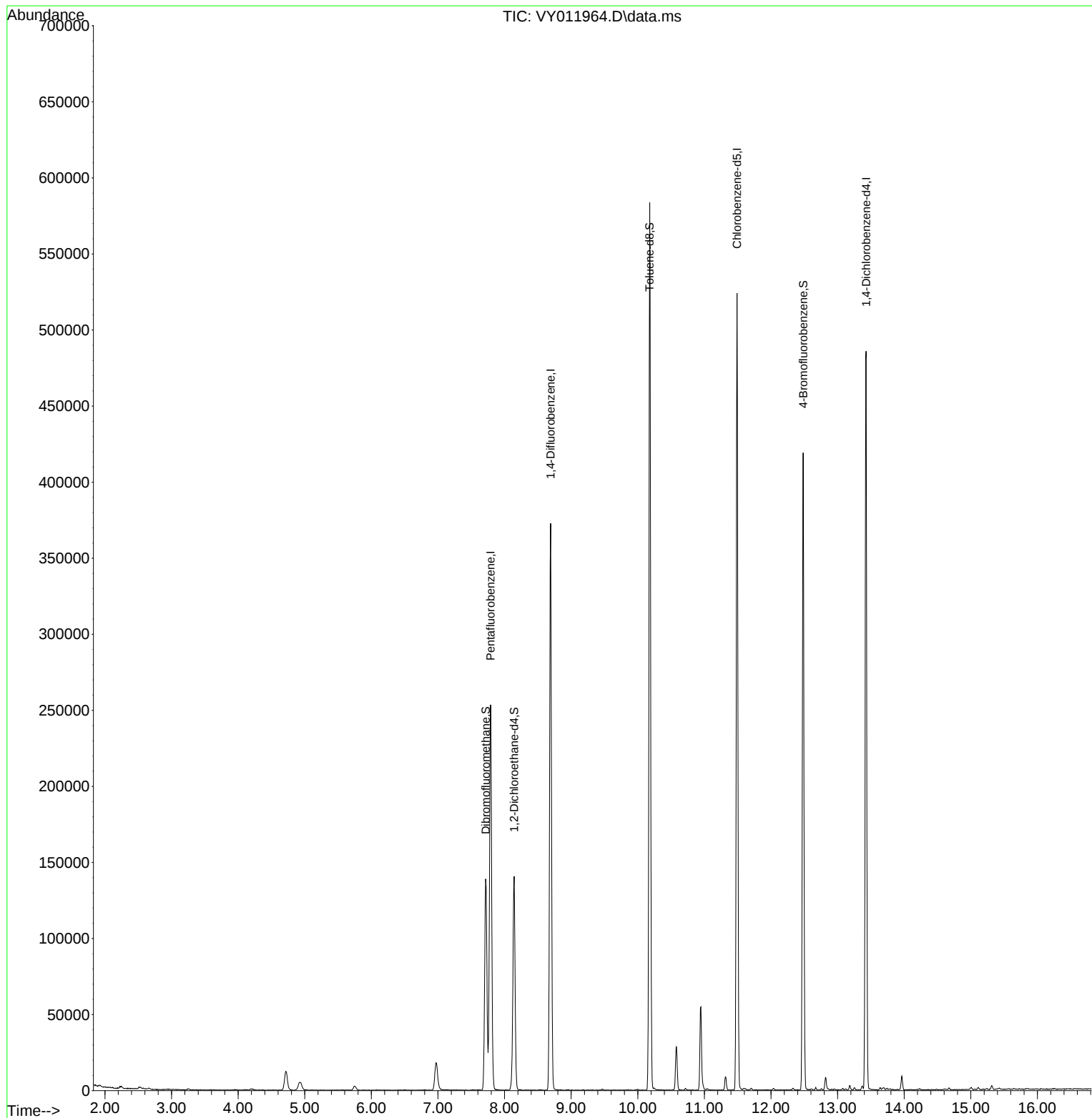
Target Compounds	Qvalue

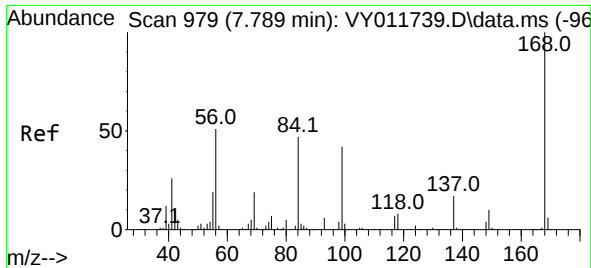
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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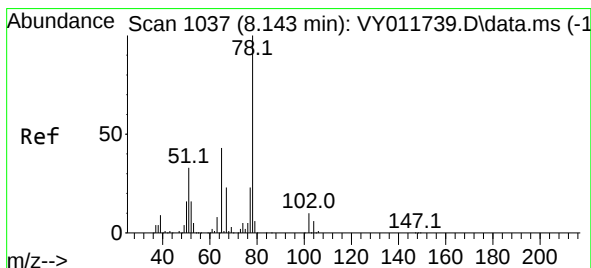
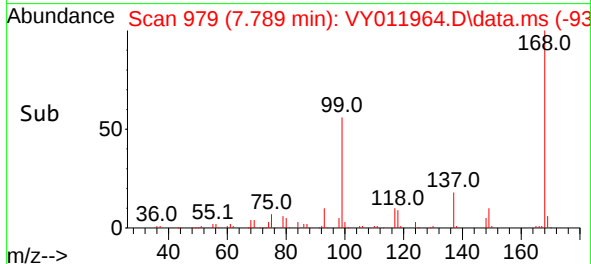
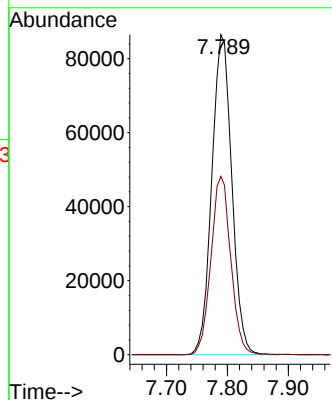
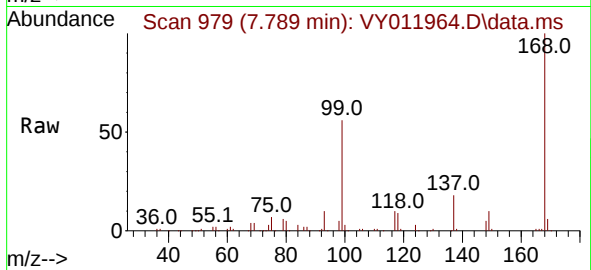




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

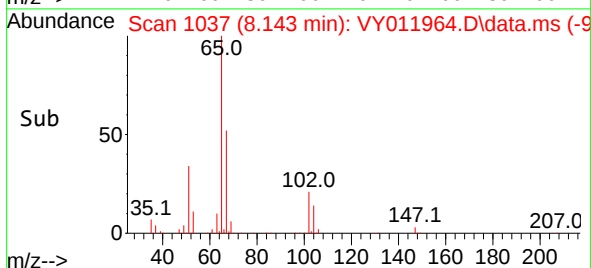
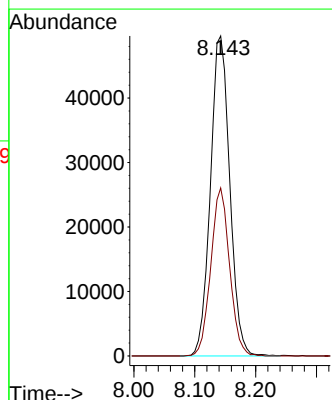
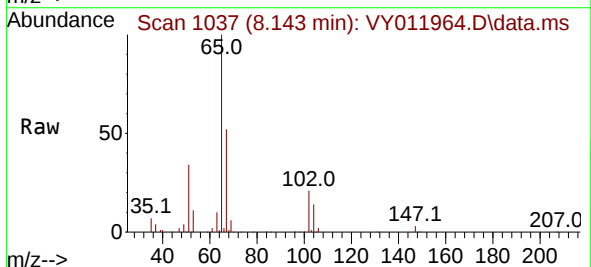
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

Tgt Ion:168 Resp: 197073
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 55.167 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 65 Resp: 109533
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011964.D

Acq: 22 Dec 2022 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1222SBL01

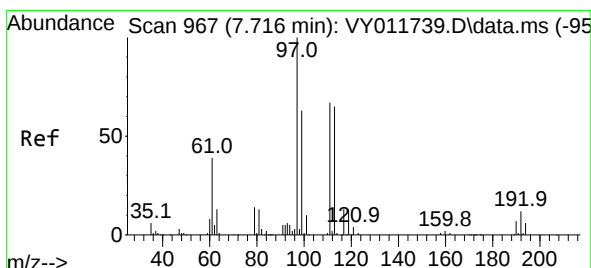
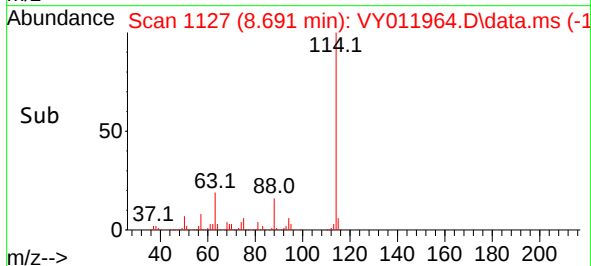
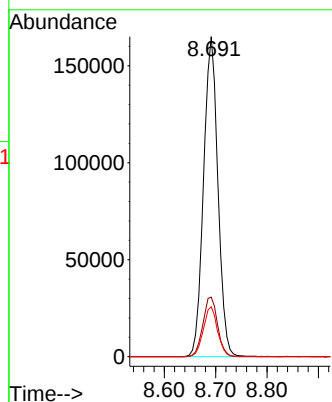
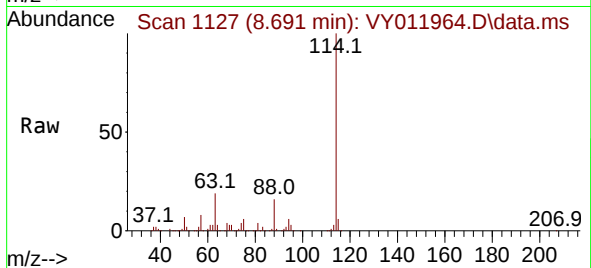
Tgt Ion:114 Resp: 319033

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.991 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011964.D

Acq: 22 Dec 2022 11:08

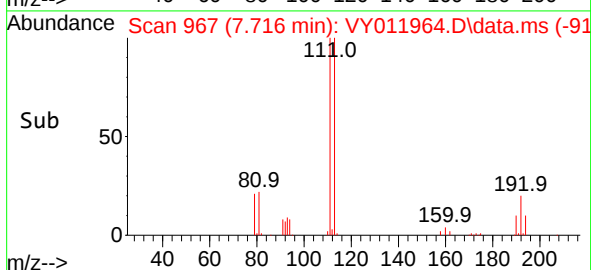
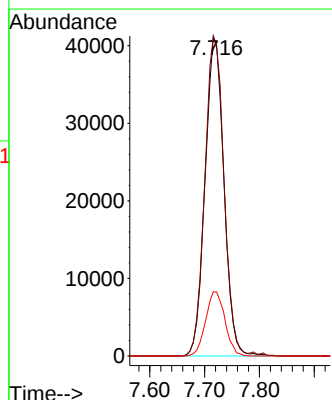
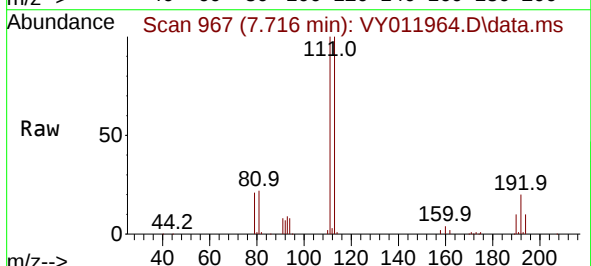
Tgt Ion:113 Resp: 97937

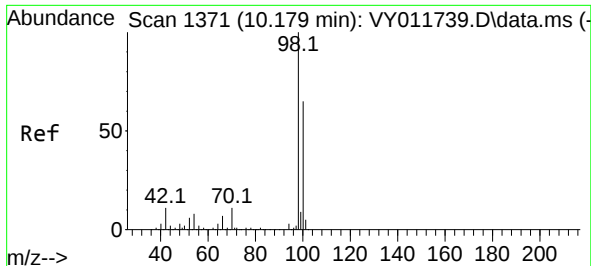
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 20.6 16.0 24.0

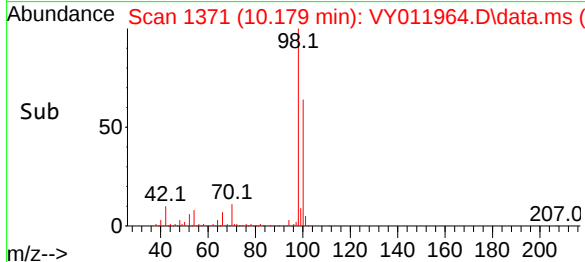
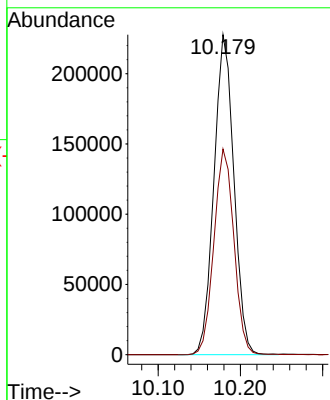
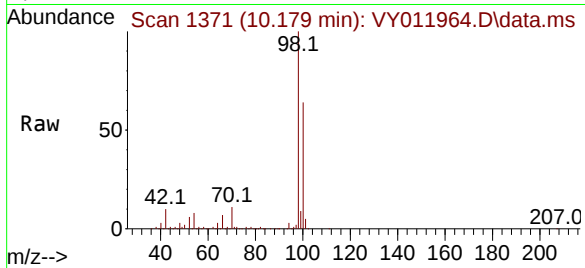




#50
Toluene-d8
Concen: 49.274 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

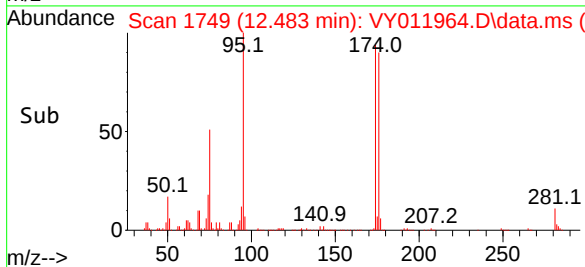
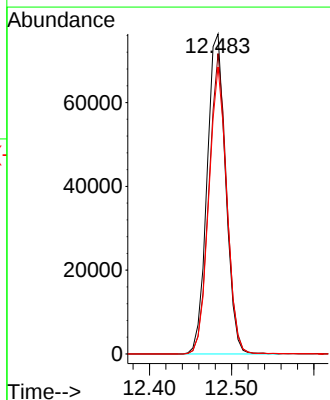
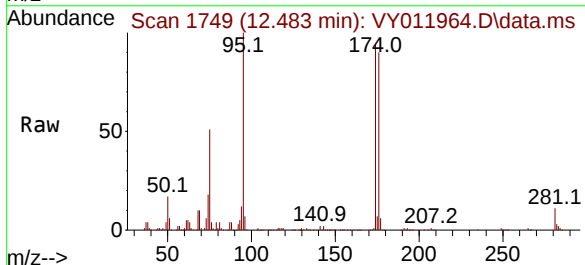
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VY1222SBL01

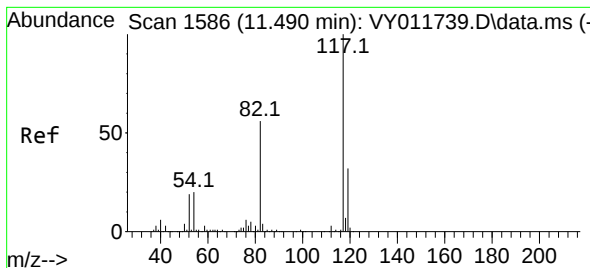
Tgt Ion: 98 Resp: 383976
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 95 Resp: 119984
Ion Ratio Lower Upper
95 100
174 89.9 0.0 172.0
176 86.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011964.D

Acq: 22 Dec 2022 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1222SBL01

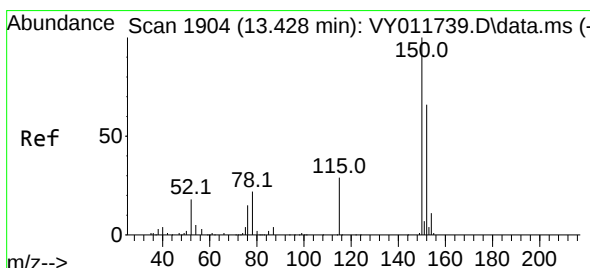
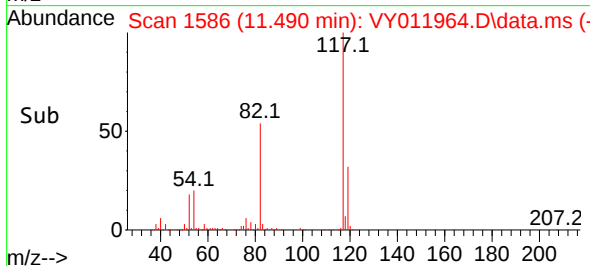
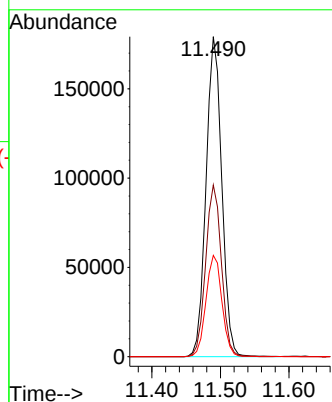
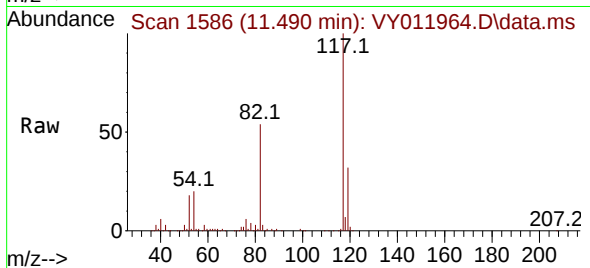
Tgt Ion:117 Resp: 286288

Ion Ratio Lower Upper

117 100

82 53.6 44.8 67.2

119 31.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011964.D

Acq: 22 Dec 2022 11:08

Tgt Ion:152 Resp: 131542

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

150 157.5 0.0 342.6

